

AMENDMENTS TO THE CLAIMS:

1 1. (Currently Amended) A radiant electric heating element comprising a base plate, a
2 first ceramic track printed on at least one face of the base plate, [n] an electrically conductive
3 heating track printed on the surface of the first ceramic track lying remote from the base plate,
4 a second ceramic track printed on the heating track thus with the first ceramic track to
5 surround and seal the heating track, terminal means being connected to the heating track for
6 connecting same to a supply of electrical power.

1 2. (Previously Presented) The radiant electric heating element according to Claim 1,
2 wherein both ceramic tracks are wider than the heating track.

1 3. (Previously Presented) The radiant electric heating element according to Claim 1,
2 wherein the combined ceramic and heating tracks follow a meander pattern to cover a
3 substantial area of the base plate.

1 4. (Previously Presented) The radiant electric heating element according to Claim 1,
2 wherein a ceramic layer is printed or coated onto the face of the base plate remote from the
3 ceramic and heating tracks.

1 5. (Previously Presented) The radiant electric heating element according to Claim 1,
2 wherein the combined ceramic and heating tracks are printed on opposed faces of the base
3 plate.

1 6. (Previously Presented) The radiant electric heating element according to Claim 1,
2 wherein multiple combined ceramic and heating tracks are printed on opposed faces of the base
3 plate.

1 7. (Previously Presented) The radiant electric heating element according to Claim 1,
2 wherein the first and second ceramic tracks are formed from the same material.

1 8. (Previously Presented) The radiant electric heating element according to Claim 1,
2 wherein the base plate is of stainless steel.

1 9. (Previously Presented) A method of producing a radiant electric heating element,
2 comprising the steps of providing a base plate, printing a first ceramic track on at least one face
3 of the base plate, printing an electrically conductive heating track on the surface of the first
4 ceramic track lying remote from the base plate, such that the heating track is electrically
5 insulated therefrom, printing a second ceramic track on the heating track so that with the first
6 ceramic track the heating track is surrounded and sealed by the first and second ceramic tracks,
7 and providing terminal means for connection of the heating track to a supply of electric power.

1 10. (Previously Presented) The method according to Claim 9, wherein the base plate
2 is cleaned to ensure that the surface thereof is free of any contaminants, before printing thereon
3 of the first ceramic track.

1 11. (Previously Presented) The method according to Claim 9, wherein the combined
2 ceramic and heating tracks are printed on opposed faces of the base plate.

1 12. (Previously Presented) The method according to Claim 9, wherein multiple
2 combined ceramic and heating tracks are printed on opposed faces of the base plate.

1 13. (Previously Presented) A toast making appliance comprising at least [one] one
2 radiant electric heating element according to Claim 1, including means for supporting at least
3 one slice of bread in close proximity to the heating element, even in direct contact therewith.

1 14. (Previously Presented) The toast making appliance according to Claim 13,
2 wherein a pair of radiant electric heating elements, are placed in mutually parallel relationship,
3 means being provided to enable adjustment of the distance between said parallel pair of
4 elements.

1 15. (Previously Presented) The toast making appliance according to Claim 13,
2 including a browning sensor.

1 16. (Previously Presented) The toast making appliance according to Claim 15,
2 wherein said browning sensor is an infra-red emitter-receiver scanning detector.

1 17. (Currently Amended) The toast making appliance according to Claim 16,
2 including means to auto-zero the scanning detector before each toasting operation, thus to
3 provide browning control of breads having different initial [e~~col~~ours] colors.